

Product datasheet for **RN202954**

Timm23 (NM_019352) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Timm23 (NM_019352) Rat Untagged Clone
Tag: Tag Free
Symbol: Timm23
Synonyms: MGC93478
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202954 representing NM_019352
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGGTGGCGGAGGAAGTAGCAACAAATCCACGGCGGGTTAGCGGGCTTCTTCGGAGCGGGAGGAG
CGGGTTACTCGAACGCTGATTTGGCCGGCTCCCGCTGACTGGTATGAACCCCTGTCTCCTTACTTAA
TGTGGACCCAGCTATCTCGTTCAGGATACAGATGAGTTATTTGCCAACTGGAGCTAATAAAACCCGA
GGCAGGTTTGAAGTAGCTTTCTTACCATTGGAGGATGCTGCATGACAGGGGCTGCATTCGGGGCACTGA
ACGGGCTTCGTTTAGGATTGAAGGAACTCAGAGCATGCCCTGGTCCAAACCAAGAAATGTACAGATTTT
GAATATGGTGACTAGACAAGGGCACTTTGGGCTAATACTCTAGGTTCCCTGGCTTTGCTCTATAGTGCT
TTTGGCGTTATCATTGAGAAAACACGGGTGCAGAAGACGACTTCAACACAGTAGCAGCTGGAACCATGA
CAGGAATGTTATATAAATGTACAGGTGGTCTTCGAGGAATAGCACGTGGTGGCCTGGCGGGACTGACACT
GACCAGTGTCTATGCACTGTATAACAACTGGGAGCACATGAAAGGTTCCCTGCTCCAACAGTCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019352
Insert Size: 630 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_019352.2</u> , <u>NP_062225.1</u>
RefSeq Size:	1098 bp
RefSeq ORF:	630 bp
Locus ID:	54312
UniProt ID:	<u>O35093</u>
Cytogenetics:	16p16
Gene Summary:	mouse homolog is a translocase of the inner mitochondrial membrane; essential for cell viability [RGD, Feb 2006]